

EXAMINER
***EVAMINED**

Faranak Fouladi

DATE CONSIDERED 01/14/04

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants: Steven P. Williams et al.

Filing Date: Concurrently Herewith

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To Be
Assigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>FF</i>	15	Soucy et al., "A texture-mapping approach for the compression of colored 3D triangulations," The Visual Computer, Vol. 12, 1996, pp. 503-514
	16	Krishnamurthy et al., "Fitting Smooth Surfaces to Densy Polygon Meshes," Computer Graphics Proceedings, Annual Conference Series, 1996, pp. 313-324
	17	Cohen et al, "Appearance-Preserving Simplification," University of North Carolina at Chapel Hill, No date, 8 pages
	18	Maruya, M., "Generating a Texture Map from Object-Surface Texture Data," EUROGRAPHICS '95, Vol. 14, No. 3, 1995, pp. C-397 to C-405
<i>✓</i>	19	Piponi et al., "Seamless Texture Mapping of Subdivision Surfaces by Model Peeling and Texture Blending," MVFX, a division of Manex Entertainment, No date, pp. 471-478

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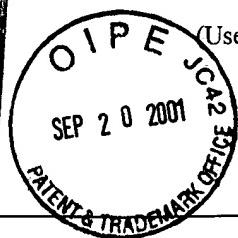
FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket Number
9220-4

Serial No.
09/842,304

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Applicants: Herbert Edelsbrunner et al.

Filing Date: April 25, 2001

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2672

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FF	1	6,271,856	08/07/01	Krishnamurthy	345	429	
	2	6,256,039	07/03/01	Krishnamurthy	345	420	
	3	6,256,038	07/03/01	Krishnamurthy	345	419	
	4	6,208,347	03/27/01	Migdal et al.	345	419	
	5	6,205,243	03/20/01	Migdal et al.	382	154	
	6	6,176,427	01/23/01	Antognini et al.	235	454	
	7	6,133,921	10/17/00	Turkiyyah et al.	345	420	
	8	6,108,006	08/22/00	Hoppe	345	423	
	9	6,100,893	08/08/00	Ensz et al.	345	420	
	10	6,044,170	03/28/00	Migdal et al.	382	154	
	11	5,995,650	11/30/99	Migdal et al.	382	154	
	12	5,886,702	03/23/99	Migdal et al.	345	423	
	13	5,850,229	12/15/98	Edelsbrunner et al.	345	473	
	14	5,760,783	06/02/98	Migdal et al.	245	430	
	15	5,617,322	04/01/97	Yokota	364	468.04	
	16	5,600,060	02/04/97	Grant	73	147	
	17	5,566,281	10/15/96	Tokumasu et al.	395	120	
	18	5,506,947	04/09/96	Taubin	395	133	
	19	4,719,585	01/12/88	Cline et al.	364	518	

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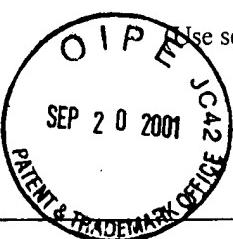
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	21	Bajaj et al., "Modeling with Cubic A-Patches," ACM Transactions on Graphics, Vol. 14, No. 2, April 1995, pp. 103-133.
	22	Bajaj et al., "The Contour Spectrum," IEEE, 1997, pp. 167-173
	23	Barequet, Gill, "Piecewise-Linear Interpolation between Polygonal Slices," Computer Vision and Image Understanding, Vol. 63, No. 2, March 1996, pp. 251-272
	24	Boissonnat, Jean-Daniel, "Geometric Structures for Three-Dimensional Shape Representation," ACM Transactions on Graphics, Vol. 3, No. 1, October 1984, pp. 267-286
	25	Boissonnat, Jean-Daniel, "Shape Reconstruction from Planar Cross Sections," Computer Vision, Graphics, and Image Processing, Vol. 44, 1988, pp. 1-29
	26	Bowyer, A. "Computing Dirichlet tessellations", The Computer Journal, Vol. 24, No. 2, 1981, pp. 162-166
	27	Curless et al., "A Volumetric Method for Building Complex Models from Range Images," Computer Graphics Proceedings, Annual Conference Series, 1996, pp. 303-312
	28	Eck et al., "Automatic Reconstruction of B-Spline Surfaces of Arbitrary Topological Type," Computer Graphics Proceedings, Annual Conference Series, 1996, pp. 325-334.
	29	Elber et al., "Filletting and Rounding using Trimmed Tensor Product Surfaces," ACM, 1997, pp. 206-216
	30	Elber et al., "Tool Path Generation for Freeform Surface Models," ACM, 1993, pp. 419-428
	31	Elber et al., "Adaptive Isocurve-Based Rendering for Freeform Surfaces," ACM Transactions on Graphics, Vol. 15, No. 3, July 1996, pp. 249-263
	32	Edelsbrunner et al., "Incremental Topological Flipping Works for Regular Triangulations," Algorithmica, Vol. 15, 1996, pp. 223-241.
	33	Edelsbrunner et al., "Three-Dimensional Alpha Shapes," ACM Transactions on Graphics, Vol. 13, No. 1, January 1994, pp. 43-72.
	34	Fuchs et al., "Optimal Surface Reconstruction from Planar Contours," SIGGRAPH 77: The Fourth Annual Conference on Computer Graphics and Interactive Techniques, San Jose, California, July 20-22, 1977, pp. 693-702
	35	Forsey et al., "Surface Fitting with Hierarchical Splines," ACM Transactions on Graphics, Vol. 14, No. 2, April 1995, pp. 134-161
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Attorney Docket Number
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Serial No.
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	39	Joe, Barry, "Construction of three-dimensional Delaunay triangulations using local transformations," Computer Aided Geometric Design, Vol. 8, 1991, pp. 123-142
	40	Loop, Charles, "Smooth Spline Surfaces over Irregular Meshes," Computer Graphics Proceedings, Annual Conference Series, 1994, pp. 303-310
	41	Meyers, David et al., "Surfaces from Contours," ACM Transactions on Graphics, Vol. 11, No. 3, July 1992, pp. 229-258
	42	Peters, Jorg, "C-Surface Splines," Siam J. Numer. Anal., Vol. 32, No. 2, April 1995, pp. 645-666
	43	Staad et al., "Multiresolution Compression and Reconstruction," IEEE, 1997, 2 pages
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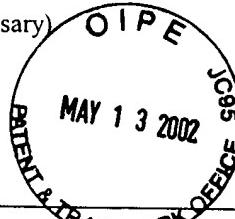
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	9	Edelsbrunner, H., "An Acyclicity Theorem for Cell Complexes in d Dimension," Combinatorica, Vol. 10, No. 3, 1990, pp. 251-260
	10	Krishnamurthy, et al., "Fitting Smooth Surfaces to Dense Polygon Meshes," SIGGRAPH 96, New Orleans, Louisiana, August 4-9, 1996, pp. 313-324.
	11	Lodha et al., "Scattered Data Techniques for Surfaces," Proceedings of a Dagstuhl Seminar, Scientific Visualization Dagstuhl '97, Hagen, Nielson and Post (eds.) pp. 189-230.

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	3	5,815,401	9/29/98	Otsuki et al.	364	474.31	
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P N	1	6,278,460	8/21/01	Myers et al.	345	424	
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